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LIGHT ON THE BRANCHING OF MEDICINE*

By EDWARD JACKSON,
A.M., M.D., Sc.D., *Psi*
Denver, Colorado

The light which comes and goes with the daily revolution of the earth, shifting its inclination, brightness and duration with the seasons of the year, is the greatest factor in all the manifestations of life that we know, and promises the most immediate and important revelations that we can hope to have, for the unsolved problems and mysteries that must always bound the growing domain of biologic science. Light has become a synonym for knowledge and discovery. Light falling in the direction we look brings out the appearance and significance of things. Our mountains seem to come near and throw their secrets open to our gaze, in the light of morning; and we must expect to penetrate the history of our race and of science by throwing the light of what we now know upon the relics, the half-buried traditions, and the early statements that remain for us to examine and interpret.

Our studies of the past can show us the trend of events, the succession of evolution, the directions in which knowledge is expanding and going forward. The light of what we have already mastered and known is thrown forward on the problems that now claim our attention, and are the most profitable to consider. The members of Phi Rho Sigma, their classmates and fellow students are facing great problems. Some study of the line of approach by which we have come to the problems of today, in the light of what we have learned, may be interesting and profitable.

The rounded holes in some ancient skulls were made by the hand of man, by some process that may be compared to trephining. The light of what we now know of bone pathology and the healing of bone shows us that these patients survived the operation. The fact that two or more such holes were made in the same skull suggests that they were made for a symptom that was relieved, but recurred. Naturally we think of this symptom as headache from brain tumor or other chronic disease within the cranial cavity.

Thickened or rounded projections on bone seem to indicate chronic osteitis or periosteitis that, in the light of our present knowledge, point to the existence, in remote times, of syphilis and other chronic diseases of bone. Other bone changes may tell us of ancient tuberculosis.

Some of the papyrus manuscripts, found in the ancient tombs in Egypt,

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*Phi Rho Sigma Memorial Lecture given at the University of Colorado School of Medicine, Denver, April 21, 1937.

BERYL R. KIRKLIN, M. D., Pi HEADS ROENTGENOLOGISTS

Beryl R. Kirklin, head of the department of diagnostic roentgenology of the Mayo Clinic and professor of roentgenology of the post graduate department of medicine of the University of Minnesota, was inducted into office as president of the American Roentgen Ray Society during the meeting of the Fifth International Congress of Radiology. Dr. Kirklin graduated from the University of Indiana School of Medicine in 1914 and was a member of Pi chapter. After practising his specialty in Muncie, Indiana, for several years he went to Rochester, Minn., to join the staff of the Mayo Clinic as director of the department of roentgenology. He was elected president of the American Roentgen Ray Society at its annual meeting in Cleveland last June and during the past year has worked with the president of the congress and the officers of the other radiological societies in promoting the first international meeting of radiologists to be held in America. This meeting took place in Chicago, September 13-17.

HOSPITAL ADMINISTRATION AS A CAREER

By JOHN A. TOOMEY,* M. D., *Kappa*

Hospital administrators draw from two to ten thousand dollars yearly, an income often supplemented with full maintenance (food, house, light, heat and servants). Such positions require a knowledge of business fundamentals, of administration and of finance, a knowledge which if not previously acquired must be learned. Such administrators must have executive ability, tact, firmness, an unruffled disposition, affability, the knack of getting along, and the ability to plan an objective. No one succeeds in these positions who lacks tact and this ability to get along—no matter how good a business man. Laymen are often picked to head institutions because they are apt to be more impersonal in dealing with men and situations than are doctors. Lay administrators, however, are not mentally endowed better than the average doctor, and if the average man can learn to be a good superintendent, a doctor can likewise do so. The only justification for the existence of any hospital is to care for patients, and since a doctor is better able to detect imperfections of service than a layman, the correction of such imperfections can be initiated more tactfully and to better advantage by a professional man.

Despite the fact that many large institutions have directors who are laymen, it is my opinion that a physician who is a good administrator will always make a better superintendent. A physician, however, should not expect to become an executive just because he has an M. D. degree; nor does it follow that a well trained

*John A. Toomey, A. M., LL. B., M. D., Kappa, Associate Professor of Contagious Diseases, Western Reserve University. Dr. Toomey has been in close touch with activities in City Hospital, Cleveland, for many years.

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tell of remedies then used. The medical regulation in the Babylonian Code of Khammurabi recognizes the service of the surgeon, states his legal fee for operation, and enforces the penalty for failure to relieve the patient. Relief from disability and suffering was the objective of ancient medicine and surgery.

The priests at the shrine of Cos kept records of the patients who came to them. Hippocrates compared these records and studied them. Seeking the cause of disease and an understanding of its processes, under the influence of changes of environment, he gained a broader view of disease. Other Greek students of nature added their observations; then Galen assembled and arranged what was known, making his work the guide of medical students and practitioners for a thousand years.

This gathering of isolated facts and fragmentary observations was not enough. The learning of the schools hindered men from observing and thinking about what was going on before their eyes. In the schools, medicine became a mass of learning and tradition, while the actual treatment of patients passed into the hands of barber-surgeons who had no scholarship and very limited opportunity for observation. At length Vesalius in anatomy, Harvey in physiology and Morgagni in pathology, beginning to see things with their own eyes, corrected the errors handed down to them from Galen and showed the possibilities of progress in medical knowledge and its need for connection with other branches of science.

It soon became known that all branches of science are interrelated and must go forward together. In science, isolation is death—a cessation of all healthy activity. This was no electric flash of genius but the lighting up of sky and earth at dawn, enabling each mind to perceive things in every direction. Understanding and action in medicine and surgery were united, and the real development of medical science and art began. The dark ages passed away and medicine began its growth, its extension into

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With . . . the . . . Alumni

Frank W. Peyton, Psi, finished his hospital work in Baltimore in July and is located in Lafayette, Indiana, limiting his practice to Obstetrics and Gynecology.

Theron G. Randolph, Zeta, formerly Instructor in the Department of Internal Medicine, University Hospital, Ann Arbor, received a Fellowship in Allergy at the Massachusetts General Hospital beginning July 1, 1937.

William M. Brace, Zeta, was elected to honory faculty membership in Sphinx, the all-campus Junior Honorary Society, for the school year of 1936-37.

W. Russell Funderburg, Kappa, and Regis J. McNamee, Lambda Phi, have appointments as assistant residents in surgery at Cleveland City Hospital, beginning July 1, 1937.

Harold O. Jirsa, Mu, has an appointment as Resident in Traumatic Surgery at Akron City Hospital, following Post Graduate work in Philadelphia.

Thomas F. Summers, Chi Eta, is House Physician at the Olney Sanitarium, Olney, Ill., following a term of duty with the CCC in North Carolina.

Millard C. Hanson, Gamma, resigned as Health Commissioner for Mansfield and Richland County, May 1, 1937, and accepted the position as Director of Health for the City of Toledo, Ohio.

Ray R. Decker, Lambda Phi, Lewistown, Pa., is pursuing graduate courses in Anatomy and Pathology in Austria and Germany.

Francis J. Dever, Lambda, Phi, Bethlehem, Pa., has retired from the practice of medicine owing to ill health.

Wallace H. Graham, Eta, who recently completed a year's internship in the Kansas City General Hospital, and afterward studied surgery in Cook County Hospital, Chicago, left with Mrs. Graham in July, and will study surgery for two years in Berlin, and Budapest.

Norman Rintz, Rho, is doing War surgery in Spain.

Robert H. Ward, Mu, and William D. Yarvorsky, Mu, have joined the U. S. Naval Reserve. Dr. Yarvorsky will be base surgeon at the Floyd Bennett Naval Reserve Aviation Base, Brooklyn, N. Y., until November.

William Engberg, Theta Tau, was recently appointed superintendent of the state school for the feeble-minded at Faribault, Minn.

Euclid M. Smith, Chi Zeta, is in Internal Medicine in Hot Springs, Ark., and is assistant professor in the State University at Little Rock. He has charge of the Arthritic Clinic in the Medical Department.

Nathan E. Baer, Alpha, has been appointed Chief of Staff of Monroe Evangelical Hospital, Monroe, Wis.

Basil R. Beltran, Lambda Phi, chief surgeon at Misericordia and Fitzgerald-Mercy Hospitals has been appointed chief surgeon and medical director at the Eastern State Penitentiary Hospital. Dr. Beltran, who lives at 2109 Locust Street, Philadelphia, is 48 years old and has practised there 25 years. He was held staff positions at several hospitals and served overseas during the World War.

Burt J. Canfield, Theta Tau, is in practice at 305 Stewart Building, Rockford, Ill.

Bert M. Bullington, Alpha Delta, is Instructor in Medicine, University Hospital, Ann Arbor.

Frank E. Lundy, Alpha Iota, has an appointment as Senior intern in Grey Nun's Hospital, Regina, Sask.

Robert L. Howden, Alpha Iota, will practise in Norwood, Manitoba, following his service in St. Boniface Hospital, St. Boniface, Manitoba, which will be terminated June 1, 1938.

Clifford B. Cherry, Alpha Zeta, is Senior House Officer and Clinical Instructor in Medicine on Stanford Service, San Francisco City and County Hospital, San Francisco.

Lyman B. Clay, Theta Tau, is practising at 2703 E. Lake St., Minneapolis, Minn.

John P. Booker, Chi Delta, is in practice at Reeves Hospital, Lincolnton, N. C.

James W. Agnes, Kappa, has taken over the practice of Dr. Latchow, Gibsonburg, Ohio.

William F. O'Neill, Alpha Iota, is in practice at Pilot Mound, Man.

John H. King, Kappa, is located at Carew Tower, Cincinnati, limiting his practice to Internal Medicine and Allergy.

William S. Cheney, Psi, has an appointment as Straight Surgical Intern in Baltimore City Hospital, Baltimore.

Gordon L. Richardson, Alpha Kappa, is House Officer in Pediatrics, San Francisco City and County Hospital, San Francisco.

James H. Herrod, Alpha Delta, is Intern in Obstetrics and Gynecology, New York Hospital, New York City.

Harry A. Haller, Kappa. is in practice at 3426 Memphis Ave., Cleveland.

Robert L. William, Chi Beta, has a position with the City Health Department, 612 Medical Arts Building, Atlanta.

Edwin W. Shearburn, Iota, has an appointment as Surgical Intern in University Hospital, University, Va.

Clark B. Williams, Psi, has been appointed 1st Lt. Med. Res., Active Duty, U. S. Army, Fitzsimmons General Hospital, Denver.

Charles Heilman, Alpha, has a position with the Crane Company, Chicago, in the Medical Department. He was married April 3, 1937, to Rhoda Marr of Minneapolis. Their home address is 3302 Kenilworth, Berwyn, Ill.

Frederick A. Smith, Theta Tau, has an appointment as Fellow in Anesthesia, Mayo Foundation, Rochester, for three or four years.

James Y. McCullough, Lambda Phi, has enrolled as a student in Surgery in the Graduate School of Medicine, University of Pennsylvania, Philadelphia.

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BRANCHING OF MEDICINE

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new fields, its broader understanding of the world in which we live, and the laws of life that we must observe. The traditions of the past still hung over the minds of men; the separate methods and institutions for training physicians and surgeons still existed; but, in the light of the new intelligence, facts revealed other relations and applications, and medicine became one great, growing organism.

Medicine may be compared to a tree. Its roots are the understanding of human needs and of the emergencies of life that must be met by all the race. Its protective bark is professional organization, and its trunk is the understanding that all human needs must be considered together. The patient needs health, in every part of his body. It must be made the first objective in all he does, and in all that can be done for him. Now medicine is branching. The tree has to branch to carry the leaves needed for its growth, and to spread them so that each may do its share in gathering the chemical forces of the sunshine. The swift extension of medicine in the last century, and especially in the last two generations, has extended medical science and medical art beyond the capacity of any one human mind to grasp and master. This branching of medical learning and art is the inevitable change of our time.

The healthy growth and use of our knowledge require that each branch support itself—keep its connection with the parent trunk and contribute its full share to the common weal. The life and growth of the tree cease when it is cut into posts and planks and these are sold to raise money. Medicine cannot live and go forward if it is divided into readily salable commodities, such as braces, glasses, diets, surgical operations and hospital treatments. The connection with human needs must be preserved and guarded by professional organization. The interests of the patient must be the constant mentor of the physician, helping him to face every emergency as it arises.

Each of us faces the question, What shall I do? We are not in a closed hallway, with doors opening into separate rooms. Medicine is an open field—a great country in which we may choose our direction and path. We will find that every step carries us forward, revealing something new and interesting. The experiences and methods of the pioneers in the specialization of medicine, can help us to do what we want to do, in contributing the most we can to the effective service we have undertaken.

Preventive medicine was conceived when the Greeks believed that Apollo, the god of healing, could also prevent disease. But it was born when Edward Jenner proceeded to test the tradition of the milk-maids of Gloucestershire, that cowpox protected from smallpox. By following his desire to know the truth, Jenner revealed a great truth to all mankind. He eliminated a plague that had caused death, disfigurement or blindness in all crowded populations. He found for himself his life work, and achieved the immortality of a savior of mankind.

Louis Pasteur, the chemist, was determined to find the reason for the right hand and left hand crystals of tartaric acid, and to do so spared himself neither labor nor expense. Compelled to use the microscope he discovered the microscopic causes of fermentation and disease and, stimulated by Jenner's example, he conquered the disease of the silkworm that threatened the silk industry of France, anthrax that was destroying sheep, cattle and men, and rabies, a most terrible form of death, and he opened the way to remove the black plague, cholera, yellow fever, typhoid fever and malaria, the greatest known enemies of man.

Lister, facing the mortality of hospital wards, proved it was unnecessary and, by giving us antiseptic and aseptic methods, extended the field of surgical therapeutics into every part of the body. McDowell, facing the otherwise inevitable death of his patient, braved the dangers and odium that came to him and by doing an abdominal section saved a life. Later, John L. Atlee, undeterred by the threat that if the patient died

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HOSPITAL ADMINISTRATION

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medical man will necessarily make a good hospital administrator.

One should not try for an administrative position because he has failed to make a success in the practice of medicine. A man who holds one of these positions and who lacks ability will be appraised at his true worth even more quickly than in practice. Often a physician takes a position with the expectation of worming his way into some clinical branch. Such men fool themselves. Often a doctor thinks that he is making a sacrifice or that he has wasted his time in studying medicine if he takes an administrative position. A man in that frame of mind should not get into hospital administration. He will not be happy. There is just as much chemistry in analyzing blueing used in the laundry as there is in doing blood sugar determinations, and it is just as worth while and requires just as much science to ascertain the cause of rust in the boilers of the power plant as it does to work on the cause of thickened arteries.

A hospital administrator has an interesting career. Enough things happen in a hospital to excite the healthy curiosity of any man and the demands on his time are such as to make institutional positions absorbing full time jobs.

It is desirable to serve one's internship in a large well-equipped hospital of good reputation. The same is true if an executive position is the goal. If interested in hospital administration as a career, consult the executive of the nearest large good hospital, and tell him about your ambition. If you are content to start at the bottom and really learn how to run an institution, he will be glad to tell you what to do.

1937 DIRECTORY

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THE VALUE OF OLD MEDICAL BOOKS

By GEORGE SIMS, M. D., *Iota*

Many have asked, "What is to be gained by collecting old medical books?" Aside from the pride of ownership of books, pictures, objets d'art or other things that are dignified by age, there is the advantage of having at hand a ready reference library of historical significance.

It may possibly be amusing to read old theories long since disproved and discarded, such as the use of tar-water in curing a great number and variety of distempers; published in 1746. *The London Dispensatory*, 1679, seriously mentions many remedies apparently based on superstition or worse. Among them are the brain of a hare, roasted, for trembling; the gums of teething children for falling hair; the liver of a duck for flux; burnt sheep or goat's bladder for diabetes; elk's claws or hoofs as a sovereign remedy for the falling sickness. "In order to draw a tooth without pain, fill an earthen crucible full of ants, eggs and all, and when you have burned them, keep the ashes, with which if you touch a tooth, it will fall out"!

"Eels being put into wine or beer and suffered to die in it, he that drinks it will never endure that sort of liquor again."

"Grasshoppers, being eaten, ease the cholick, and pains in the bladder." And many more equally curious.

But this all has its historical value in giving us a picture of the background of men stumbling and groping in the darkness of ignorance, superstition and empiricism to reach the scientific plane of modern medicine. Whatever its level may be, judged by the progress of future generations, certainly we observe advancement in the sum total of established facts, and a more critical attitude toward the evaluation of theoretical medicine.

The volumes collected need not be extremely old, nor is it necessary that they be first editions, rare and expensive. All of these old books, ancient and not so old, are source works in the story of medicine, and thereon is founded our present knowledge of medical practice—true a stark portrayal of many fallacies, but after all, resulting in good by the method of trial and error. And perhaps there are some theories which have been discarded only to be resurrected years later as new and worthwhile.

A perusal of these old books seems to show a steady progression in the science of medicine as opposed to empirical medicine, and many of the deductions are truly remarkable in view of the lack of facilities and technical refinements, as well as the conflicting schools of thought of the time. It is said that an ancient papyrus describes a pregnancy test which consisted of placing the grain of barley in the urine of a woman suspected of pregnancy, and in urine of a person known not to be pregnant, and that the former sprouted with much greater rapidity.

Cheselden, of London, writing in 1778 gives a short historical account of cutting for the stone. Among the earlier "surgeons", he mentions Frere Jacques who came to Paris in the year 1697, "full of reputation for success of his new operation for the stone; he soon obtained leave to cut in the hospitals, where great numbers of his

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READING IN BED

All good and true book-lovers practise the pleasing and improving avocation of reading ***in bed.***

—Eugene Field, *Love Affairs of a Bibliomaniac.*

THE HUMAN MACHINE.

By John Yerbury Dent. A Borzoi Book. Alfred A. Knopf, New York. $2.50.

In clear, vigorous style the author describes the human body as a fine machine whose complicated actions are understandable by today's science.

THE QUEEN'S DOCTOR.

By Robert Neumann. Alfred A. Knopf, New York. $2.50.

The amazing story of the rise and fall of Dr. Frederick Struensee. History has immortalized him as a great dictator, a lover and doctor of medicine. A romantic story which will appeal, I think, to medical men.

THE NEUROTIC PERSONALITY OF OUR TIMES.

By Koren Horney. W. W. Norton & Co., New York. $3.00.

The author presents a very clear account of neuroses and their treatment. A book that should have a wide appeal.

SO YOU'RE GOING TO BE A PSYCHIATRIST.

By Elizabeth I. Adamson, M.D. Thomas Y. Crowell Co., New York. $2.50.

If you want to know what all the shouting is about, here is a book which explains it.

INTO THIS UNIVERSE.

By A. F. Guttmacher. Viking Press, New York. $2.75.

The author also wrote *Life In The Making.* Herein is a popular account of the prenatal months of human life, the lore of childbirth through the ages, and modern obstetrics. Good book.

EVE'S DOCTOR.

By Sigrie Toksvig. Faber & Faber, London. 7s. 6d.

Here is the story of Michael Murrough, Dublin surgeon and a man of genius. The conflict of the church in Ireland with maternity is a promin-

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With . . . the . . . Alumni

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Frederic F. De Metrovich, Psi, plans to limit his practice to Pediatrics after completing his residency in Children's Memorial Hospital, Chicago, January 1938. He says "Children's Memorial Hospital offers a very excellent training in Pediatrics."

Ernest Schwamberger, Chi, is Assistant to Dr. David L. McCarrell, Hickory, Pa.

Paul V. Newland, Alpha Kappa, is Physician in Charge of Metabolic Diseases, Clifton Springs Sanitarium and Clinic, Clifton Springs, N. Y.

John T. Litchfield, Theta Tau, has an appointment as Assistant in the Department of Pharmacology, Johns Hopkins Hospital, Baltimore.

Melvin F. Eyerman, Omega, is 1st Lt. Med. Res. in Camp SCS-27, Co. 3509, CCC, Chillicothe, Ohio.

Robert L. Zobel, Psi, is second year Intern in the U. S. Marine Hospital, New Orleans.

Mark J. Kuffel, Eta, is in practice at 620 E. Main Street, Ventura, Calif.

John A. Murtagh, Zeta, has been appointed Instructor in Otolaryngology in New Haven Hospital, New Haven, Conn. He says, "There is a three-year service in Otology here at Yale that is excellent under Norton Canfield, Zeta. It would be well for Phi Rhos who are interested to remember. One year's internship is required before beginning the otolaryngological service."

Charles C. Henrie, Alpha Gamma, is practising at West Liberty, Ohio.

Orville O. Witherbee, Delta, is associated in practice with his brother, Harold Witherbee, also of Delta Chapter, at 3780 Wilshire Blvd., Los Angeles, Calif.

Andrew M. Henderson, Jr., Alpha Kappa, has completed his internship at City & County Hospital, San Francisco, and is in practice at the Medico-Dental Building, Sacramento, Calif.

Stanley C. Sneeringer, Omega, has been appointed Assistant Medical Examiner for the Pennsylvania Railroad, Columbus, Ohio.

Thomas K. Gruber, Kappa, was elected Treasurer of the Wayne County Medical Society, Detroit, Mich., and took office July 1, 1937.

Otto E. Brantigan, Alpha, is assistant resident surgeon at Baltimore City Hospital. He has an appointment as Resident Surgeon for next year.

Franklin H. Top, Lambda Phi, is Medical Epidemiologist, Detroit Department of Health and Herman Kiefer Hospital.

Paul K. Sauer, Lambda Phi, Associate Surgeon, Lenox Hill Hospital, New York, was retained by the Hamburg-American Line to visit all survivors of the Hindenburg disaster, to inspect their injuries and obtain such information as they were able to give.

D. E. W. Wenstrand, Alpha, as Medical Director of the Northwestern Mutual Life Insurance Company, maintained a booth at the A. M. A. meetings to meet the medical examiners of the Company.

Dr. and Mrs. Raymond R. Decker, Lambda Phi, of Lewiston, Pa., recently sailed for Europe aboard the ROMA. They will spend three months on the continent where Dr. Decker will represent the Lewiston Rotary Club as delegate to the Twenty-eighth Annual Rotary International Convention at Nice, France, June 5 to 11. After the convention Dr. Decker will take a three months' course in gynecology and obstetrics under the direction of the University of Vienna and the American Medical Association of Vienna. Dr. and Mrs. Decker will also visit Germany, Switzerland, England, Scotland.

Joseph F. Matonis, Alpha Lambda, has moved his professional offices to 11 N. Easton Road, Glenside, Pa.

William Kruckenberg, Mu, is in practice at Cedar Rapids, Iowa.

Everett S. Caldemeyer, Alpha Delta, is Resident Physician in Eye, Ear, Nose and Throat in University Hospital, Columbia, Mo.

Following a Residency in Pediatrics and Medicine at Providence Hospital, Detroit, Lawrence A. Kroha, Epsilon, is in practice at 1025 Beaconsfield Ave., Grosse Pointe Park, Mich.

Samuel G. Christian, Delta, is in practice at the Medico-Dental Building, Sacramento, Calif.

Vernal L. Lance, Chi Beta, has an appointment as Intern in the United States Public Health Service, U. S. Marine Hospital, New Orleans.

Carl J. Paul, Delta, is in practice at 82 Plaza Square, Orange, Calif.

John C. Lindsay, Eta, completed his internship at Providence Hospital, Seattle, and is in practice at 532 E. 12th Street, Spokane.

George W. Chamberlin, Lambda Phi, is Associate in Radiology, Hospital of University of Pennsylvania. He is also Instructor in Radiology, University of Pennsylvania Medical School.

Robert H. Mitchell, Upsilon, is in practice at Aulander, N. C.

Richard S. Knowlton, Alpha Kappa, has been appointed a Fellow in Medicine, Cleveland Clinic Foundation, Cleveland.

Erwin D. Zeman, Mu, has been appointed a Fellow in Clinical Research, St. Luke's Hospital, Chicago.

John H. Waring, Alpha Lambda, is practising at 325 E. Philadelphia Ave., Bayertown, Pa.

Clement C. Boehler, Eta, is in practice at 30 N. Michigan, Chicago. He is Attending Obstetrician at St. Vincent's Infant and Maternity Hospital and Assistant Clinical Instructor in the Department of Gynecology of the Loyola School of Medicine.

Patrick J. McCarthy, Chi Eta, is in practice at 2026 Consaul Street, Toledo, Ohio.

Marion B. Durfee, Psi, has been appointed Commonwealth Fellow, Psychopathic Hospital, University of Colorado School of Medicine, Denver.

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BRANCHING OF MEDICINE

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he should be tried for manslaughter, saved his patient and saved the standing of ovariotomy in the surgical resources of his generation. Horsley in London and Keen in Philadelphia took up the dangers of pioneers in brain surgery. The army surgeon, Beaumont, saw in the opening left by the healing of a gunshot wound of the stomach the opportunity to gain a more exact knowledge of the process of digestion. Devoting himself to it, he gave physiology a new field of study in the digestion and assimilation of food.

We cannot hope to follow to the end any fixed plan of life, formed in youth. William Osler, always methodical, gave up a dream of the Indian Medical Service. Swayed by his admiration for Sir William Bowman, he went to London to study ophthalmology. But at Moorfields he found Frank Buller who had been there some months, and was already house surgeon, and who had come there for the same purpose. Osler took the advice of Bowman and went to Oxford to study physiology, under Burdon Sanderson, whom he followed thirty-four years later in the Regius professorship of medicine. He stayed in Oxford a year, then feeling he must prepare himself for a general medical practice, he went to Berlin and thence to Vienna. In London he had attended, at the University Hospital, the lectures of Erichsen and reported them to help his roommate, Browne, who was writing letters on clinical work to be published in the medical journals.

In Berlin and Vienna Osler wrote his own letters to the *Canada Medical and Surgical Journal,* describing the methods of teaching in the hospitals, which he compared with those of London and Edinburgh. In Berlin he watched and took notes on the autopsies made by Virchow, and took the lectures of Rokitansky. In Vienna he followed the work at the Allgemeines Krankenhaus, and heard the surgical lectures of Billroth, Thiersch and von Volkmann; and those by Hebra on dermatology, Arlt and Jaeger on ophthalmology and Gruber and Politzer on otology.

(To be concluded)

OLD MEDICAL BOOKS

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patients dying, and being dissected, they were found with their bladders cut through, guts wounded &c, which brought the operation into disgrace, as Mery and Dionis have related, who saw these things. They say he performed the operation without any direction, and without any knowledge of the parts he was to cut; a thing not to be mentioned without horror!" "But of late his character has been set in a different light; and though it is more probable he himself knew not what he did, yet there are now, who pretend to tell us exactly, there is no place but he did not cut one time or other, and *therefore he may have a sort of right to be called the inventor of any operation for the stone that can be performed in these parts.*" "It is also owned that he sometimes had great success, which was enough to put others of that nation upon trying it in a more judicious manner; but if there were such, failing of success, they have concealed their experiments." A Mr. Rau of Amsterdam who observed Jacques operate invented a grooved staff, which seems to have assisted him to great success. He seems to have been an excellent anatomist and made his incision "directly into the bladder, without wounding either urethra or the prostates" (sic). The author reported 213 cases operated upon in St. Thomas's Hospital, of which only twenty died. He concluded that his success, if any, was due to the fact that he ligated the blood vessels, and his patients did not bleed to death! Thus progress.

John Moore, M. D., writing medical sketches to be used for the care of the health of the footguards under the command of Lord Cornwallis, at that time in Virginia, made some interesting observations. "Intermitting and remitting fevers abound in every climate in the neighborhood of moist marshy soils; in woody countries where air is confined by the number of trees; in low flat countries where there is a great quantity of stagnating water and no hills to direct a brisk ventilation. The inhabitants of the mountains and of the valleys where there are running waters, a dry soil, and strong ventilation, are not subject to all the agues, and very seldom to the bilious fever, while they remain in their own country; but in general are liable to be seized with one or the other when they come to the fenny countries."

Alfred Stille, M. D., writing in 1868 traces the history of "etherization". He stated that, "The power of various substances to produce insensibility was long ago observed, and it is well known that in all ages narcotic preparations were employed to blunt the sense of pain during the performance of surgical operations." The fumes of some of these were administered by inhalation. "The late Dr. Snow, in his historical sketch of anesthesia, quotes a passage from the work of John Baptista Porta on Natural Magick, in which a certain volatile agent is thus described: 'When it is applied to the nostrils of the person, he draws in the most subtle power of the vapor by smellings, and so blocks up the fortress of the senses that he is plunged into the most profound sleep, and cannot be roused without the greatest effort. After the sleep, no heaviness of the head remains.' It is probable or conjectured by Dr. Snow that this agent was none other than ether." The first traces of the use of ether inhalations for medicinal purposes seem to be contained in the writings of Dr. Richard Pearson, who, as early as 1795, recommended them for certain pulmonary affections, and especially for phthisis. Dr. Beddoe's work on Factitious Airs, 1795, cites a case in which the fumes of burning ether were inhaled to palliate a painful affection of the breast. "In 1818, an anonymous communication appeared in the Quarterly Journal of Science to the effect that 'when the vapour of ether, mixed with common air, is inhaled, it produces effects very similar to those occasioned by nitrous oxide'." "October 16th and 17th, 1846, ether was first publicly used by Drs. Warren and Hayward in surgical operations at Massachusetts General Hospital."

Gaubius, professor of physic and chemistry in the University of Leyden, wrote, 1741: "A prudent physician never orders anything in his prescription but what he has a sufficient reason for, which upon inquiry he is able to give; so that he does not act at random, from custom or prejudice, but as the indications, which he has before rightly deduced and considered, direct him." Thus, progress!

The ownership of old medical books, whether they have much value, or little, provides a panorama of the history of medicine. Their covers are crowded with food for thought—their contents should make us broader, more tolerant of others' mistakes, and provide inspiration.

CHAPTER NEWS

ALPHA ETA,

Dalhousie University, Halifax.

The following is a résumé of the chapter's activities for the year 1936-37.

The fraternity house was full to capacity, with fifteen members. Of these, three pledges entered before Christmas and one after. The total number pledged was sixteen, including one honorary member. At the initiation held February 9 at the Lord Nelson Hotel, eight, including the honorary member, became active members. The annual banquet given in honor of the initiates followed the initiation.

The formal dance of the year was held in the Nova Scotian Hotel under the capable management of Brothers Donald Ramsay and Hugh Christie. The attendance was close to one hundred and the dance was a decided success.

During the year informal talks were given by the alumni and honorary members. These meetings proved very popular with the pledges and active members.

Congratulations were extended to Brother George F. Day on his becoming new president of the student council at the university, and also to Brother Hazen C. Mitchell who was elected the new president of the glee club.

OMEGA,

Ohio State University, Columbus.

In the report of the finance credit committee of the council of fraternity presidents, Omega chapter is one of 24 that have maintained an "A" credit rating for the past five years. This report is from the monthly and cumulative statement sent to national officers of Ohio state fraternities by the auditor of fraternity accounts.

With . . . the . . . Alumni

(Continued from Page 5)

Leslie A. Carlson, Alpha Gamma, who has been a Fellow in Internal Medicine, Mayo Clinic, is in practice at Ft. Collins, Colo.

Belmont E. Thomas, Alpha Gamma, is Assistant Physician in the Wassaic State School, Wassaic, N. Y.

Clyde S. Martin, Iota, completed his Residency in Surgery at Ford Hospital, Detroit, in July and is practising at Port Huron, Mich., Rooms 204-5, Sperry Building.

Edward B. Weinman, Zeta, is Instructor in Ophthalmology, University Hospital, Ann Arbor.

Paul C. Clark, Omega, is Assistant Physician in the Institute for Feeble-Minded, Orient, Ohio.

Edson H. Fuller, Alpha Kappa, is practicing at 702 Ashton Bldg., Grand Rapids, Mich.

William M. Cockrum, Pi, is taking Post Graduate work in Ophthalmology, University of Pennsylvania Hospital, Philadelphia.

Robert L. Jackson, Zeta, who completed his Residency in Pediatrics in Children's Hospital, Iowa City, in July, is in practice at Grand Rapids National Bank Bldg., Grand Rapids, Mich.

Warren B. Ross, Mu, is in practice at Nampa, Idaho. Dr. Ross has just completed an internship and residency at Akron City Hospital and reports that the service in Medicine and Obstetrics is excellent with the quantity and quality of clinical material remarkable and turnover rapid.

Leo A. Wajert, Eta, is practising at 1713 Carson St., Pittsburgh, Pa.

John A. Paulson, Theta Tau, is in practice at 3½ S. Broadway, Rochester, Minn.

Theodore E. Sanders, Iota, has been appointed full time Assistant in Ophthalmology in Washington University and Barnes Hospital, St. Louis.

John T. Mason, Zeta, is Senior Intern in Pediatrics at University Hospitals, Cleveland. He plans to remain another year as Assistant Resident.

William G. Ure, Iota, is practising at 130 S. Scott Street, Tucson, Ariz.

Ralph M. Crowley, Alpha, has been appointed Psychiatrist at Chestnut Lodge, Rockville, Md., for one year.

Edward D. Hagerty, Alpha Gamma, has a two-year appointment as rotating intern at Worcester City Hospital, Worcester, Mass.

Kenneth J. McLeod, Alpha Gamma, has a two year appointment as rotating intern at Lynn General Hospital, Lynn, Mass., ending May, 1939.

Boyd Isenhart, Gamma, has a position as Pathologist in Good Samaritan Hospital, Portland, Ore. He is working as assistant to Dr. Charles H. Manlove, Fellow of the American Society of Clinical Pathologists, who has supervised the clinical and pathological laboratory of the hospital for the past 15 years.

James E. Donnelly, Psi, is in practice at 810 Republic Building, Denver, Colo.

Horace C. Gibson, Lambda Phi, has been commissioned as 1st Lt. in the Army Medical Corps and is stationed at Fitzsimmons General Hospital, Denver.

Eric M. Found, Alpha Eta, is Assistant Physician in Nova Scotia Sanatorium, Kentville, N. S.

Oscar A. Kafer, Chi Gamma, is practising in New Bern, N. C.

Edgar W. Meiser, Rho, is working as assistant to Dr. John H. Esbenshade, 445 N. Duke Street, Lancaster, Pa.

Allen H. Johnson, Chi Delta, is practising at Columbia, S. C., Doctor's Building, 1517 Hampton Avenue, following three years of service in the Columbia Hospital of Richland County, Columbia.

Roger C. ter Kuile, Alpha Kappa, is limiting his practice to Obstetrics and Gynecology at 201 Professional Bldg., Bridgeport, Conn. He is also Assistant Obstetrician at the Bridgeport Hospital.

John C. Holman, D. O. A., has an appointment as Fellow in Dermatology and Syphilology at the Mayo Clinic, Rochester.

Kenneth E. Pletcher, Alpha Delta, is House Physician in the Missouri Pacific Hospital, St. Louis.

Frank W. Peyton, Psi, is engaged in the practice of Obstetrics and Gynecology at Lafayette, Ind.

Howard B. Williams, D. O. A., has an appointment as Chief House Physician in South Highland Hospital, Birmingham, Ala.

Andrew L. Chesson, Chi Gamma, is second year Intern in Surgery, Baltimore City Hospital, Baltimore.

William J. Tobin, Chi Delta, has an appointment in Orthopedic Surgery, Johns Hopkins Hospital, Baltimore, beginning Sept. 1, 1937.

Paul W. Tisher, Mu, has been appointed Senior Fellow in Ophthalmology in the State University of Minnesota Hospital, Minneapolis for one year.

Andrew K. Temples, Chi Alpha, is practising at 826 N. Church Street, Spartansburg, S. C.

Malcolm M. Cook, Chi Beta, has an appointment as Director of the Department of Fever Therapy, University Hospital, Minneapolis.

Frank A. Morrison, Iota, is second year Intern in Obstetrics and Gynecology in St. Louis Maternity Hospital, 630 S. Kingshighway, St. Louis.

Allen B. Eschenbrenner, Alpha Delta, has an appointment as Assistant in Medicine in Washington University School of Medicine, St. Louis. His address is Fever Therapy Dept., Barnes Hospital, 600 S. Kingshighway, St. Louis.

Francis E. Guinney, Delta, has an appointment as Resident Physician in City Maternity Service of Los Angeles General Hospital, Los Angeles, ending July 1938

Walter F. Anderson, Alpha Gamma, is in practice at Cranbrook, B. C.

Philip L. Kurtz, Pi, is practising at 714 E. 52nd St., Indianapolis.

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READING IN BED

(Continued from Page 4)

ent part of the book. There is also the love affair of the doctor and one of his patients.

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WHO GAVE THE WORLD SYPHILIS.
By Richard C. Holcomb. Froben Press, New York. $2.00.
There is still discussion going on as to where syphilis started. The author tells about the Haitian myth. There is plenty of syphilis in the newspapers and magazines. Doctors should be ready to answer questions.

—o—

DEATH OF A GOLFER.
By Anthony Wynne. J. B. Lippincott Co., Philadelphia. $2.00.
Doctor Eustace Hailey as usual solves the mystery.

—o—

AN INTRODUCTION TO SCIENTIFIC GERMAN.
By F. J. Nock, of New York University. A little book of 148 pages. $1.25.
If you want to brush up on your German, here is an excellent volume.

—o—

AMERICAN MARTYRS TO SCIENCE THROUGH THE ROENTGEN RAYS.
By Percy Brown, M.D. Charles C. Thomas, Springfield, Ill. $3.50.
A fine book which should appeal to all radiologists.

—o—

CONSULTING SPECIALIST.
By A. L. Furman. Macaulay, New York. $2.00.
The author also wrote *The Interne.* Dr. Carl Armstrong and his adventures with the neurotic women who throng his consulting room.

—o—

THE TWO DOCTORS.
By Elizabeth Cambridge. G. P. Putnam's Sons, New York. $2.50.
Story of two rival doctors in a quiet English village. There is a love interest.

—o—

I WAS A PROBATIONER.
By Corinne Johnson Kern. E. P. Dutton & Co., New York. $2.50.
She also wrote *I Go Nursing.* Another story of life behind the scenes in a great hospital with its birth and death, love and fear, pleasure and pain.

"The Medicine Man."

VITAL STATISTICS

Dr. and Mrs. Roger I. Wall, Delta Omicron Alpha, announce the birth of a daughter, June 17.

Dr. and Mrs. Richard L. Jackson, Chi Beta, announce the birth of a daughter, Margaret Lee, March 21.

Robert E. Schettler, Beta, was married to Miss Gertrude Marie Kollmorgen, R. N., at Cincinnati July 11.

Perry T. Bates, Chi Delta, was recently married to Grace Garrison and is living in Greenville, S. C.

Dr. and Mrs. Frederick G. Hicks, Alpha Gamma, announce the birth of a boy, Fred, Jr.

Patrick J. McCarthy, Chi Eta, was married June 5 to Miss Marietta Feehan of Custar, Ohio.

A son arrived May 25 to Dr. and Mrs. Allen H. Johnson, Chi Delta, of Columbia, S. C.

Dr. and Mrs. Joy D. Huss, Chi Eta, announce the birth of a son, 7½ lbs., May 22. Dr. Huss is in general practice in Toledo and also has a daughter 14 months old.

A daughter, Sandra Louise, was born to Dr. and Mrs. Belmont E. Thomas, Alpha Gamma, January 17.

Bruce MacLeod, Alpha Epsilon, was married to Miss Lois Middlebro at Owen Sound, Ont., June 1937. They will live in Fort William, Ont.

Albert W. Brown, Rho, was married to Miss Alice Clare Slattery, April 21.

Martin F. Guckavan, Rho, was married to Miss Margaret Hinchcliffe, June 28.

Born to Dr. and Mrs. Edson H. Fuller, Alpha Kappa, a daughter, Lacinda Lou, on January 26.

Dr. and Mrs. Walter F. Anderson, Alpha Gamma, announce the birth of a daughter, March 13 at Vancouver, B. C.

Frederick H. Wigmore, Alpha Eta, has an appointment as senior intern in surgery, Toronto General Hospital, Toronto.

Arthur S. Middlebro, Alpha Epsilon, has started in practice at 138 West Tenth Street, Owen Sound, Ont.

George de L. Emery, Psi, is located temporarily at 301 Main Street, Denver, Colo.

John M. Campbell, Lambda Phi, will remain in the Graduate Hospital of the University of Pennsylvania for a second year of internship. Following that he expects to take a fellowship in general surgery.

Virgil H. Carson, Upsilon, is in Shanghai, China—Regimental Hospital, Fourth Marines.

Rank O. Dawson, Alpha Theta, will remain in Charleston General Hospital, Charleston, W. Va., as assistant resident in surgery.

Frank X. Stukenborg, Chi Eta, has an appointment as second year intern in Lucas County Hospital, Toledo.

JESSE AINSLEY GRIFFIN MEMORIAL AWARD

The board of trustees of the permanent funds of the Fraternity awarded fifty dollars to Edmund Flink, Theta Tau, who was given the 1937 Southern Minnesota Medical Award for proficiency in scholarship. He graduated with the highest grades that any student has attained in years. He is serving his internship at University Hospital, Minneapolis.

The board also awarded fifty dollars to Samuel Hartley Haigler, Delta Omicron Alpha, who was awarded the Isadore Dyer Memorial prize at Tulane University for maintaining the highest average during his four years in medical school.

WITH THE ALUMNI

(Continued from Page 7)

John P. Garner, Chi Alpha, is practising at 807 Medical Arts Building, Atlanta, Ga.

Henry G. Lahrer, Omega, is practising at 127 High Street, Wadsworth, Ohio.

James E. Cunningham, Eta, is practising at 206 Fernwell Building, Spokane, Wash.

Fred R. Smith, Omega, is in practice at New Paris, Ohio.

Frank C. Lane, Chi, has completed his internship at South Side Hospital, Pittsburgh, and is practising at 127 Charles Street, Knoxville, Pittsburgh. He says "All seven of the internes at South Side Hospital are loud in their praise of their services here. Especially good for surgery. No residents."

Erving F. Geever, Beta, was commissioned 1st Lt. in the Medical Corps of the regular Army on July 1, 1936, and spent that year as ward surgeon on a ward devoted to Internal Medicine. He recently received orders for the Army Medical School in Washington, D. C., and will be stationed there from August 1, 1937 until January 1938. At that time he will probably be sent to Carlisle Barracks, Pa.

CHAPTER ETERNAL

John H. Brett, a charter member of Kappa chapter, died at Cleveland, September 2. He graduated from Western Reserve in 1901. For many years he was chief of the surgical department at Women's Hospital.

J. Henry Schaeffer, Lambda Phi, died in Philadelphia, May 17, of an acute streptococcus infection of the pharynx and larynx.

James A. Sherbondy, a charter member of Kappa chapter, died in Youngstown, April 24, of a heart attack. For years he was head of the department of surgery at Youngstown Hospital where he was the ideal of the younger men who trained under him. He was a Lieutenant Colonel in the war and was surgical chief with the Youngstown Base Hospital. After he returned to America he was in charge of a large Baltimore hospital devoted to reconstructive surgery. He was the only Ohio member of the famous Eclat Club which was made up of 25 surgeons who served at the front in the World War.

PROFESSIONAL INTERFRATERNITY CONFERENCE BOOKLET

An enthusiastic response was received from many member fraternities in connection with the publication and distribution of the booklet "Professional Fraternities" which was released last fall. Copies were mailed to each of our chapters and to deans of all schools where we have chapters. Additional copies may be obtained from the Central Office.

SOUTHERN MEDICAL ASSOCIATION

Phi Rho Sigma Luncheon

Arnold's Restaurant, 811 Bienville Street, New Orleans, Thursday noon, December 2. Calhoun McDougall, President, and Jonathan Forman, Historian, will represent the Grand Chapter.

DO NOT FORGET TO REGISTER